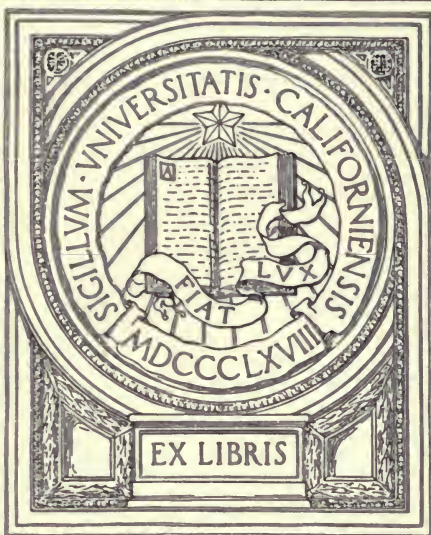


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Vol. 4

September, 1914

No. 1

List of Degrees Granted at Clark Uni-
versity and Clark College
1889—1914

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COMPILED BY
LOUIS N. WILSON



Clark University Press
WORCESTER, MASS.

LIST OF DEGREES GRANTED AT CLARK UNIVERSITY AND CLARK COLLEGE

1889—1914

Compiled by LOUIS N. WILSON.

Clark University was opened October 2, 1889, as a purely graduate institution. The departments originally established were: Mathematics, Physics, Chemistry, Biology, Psychology (including Education and Anthropology). Its aim was to admit a limited number of men with the A. B.—or equivalent attainments—who desired to engage in research work in these departments.

Until the establishment of Clark College—provided for by the will of the Founder, at his death in 1900—the only degree conferred by the University, with the exception of the Honorary Degrees conferred upon five eminent foreign scientists at the Tenth Anniversary in 1899, was the degree of Doctor of Philosophy.

For this degree at least one academic year's residence is required. Formal acceptance as a candidate must be made not later than the fifteenth of October preceding the year of the final examination, and before November first the candidate must have passed successfully an examination in French and German.

The dissertation must be presented to the instructor under whose direction it is written, and reported upon by him before the doctor's examination. In every case the dissertation must be laid before the jury of examination, at the time of examination, in form suitable for publication.

The dissertation must be printed at the expense of the candidate and the required copies deposited with the Librarian within one calendar year after the first of October following the examination. The candidate alone is held responsible for the fulfilment of these conditions.

The examinations for the doctor's degree may be held at any time during the academic year, provided that at least one academic year has elapsed since the completion of the preliminaries of candidature, except in the case of fulfilment of these conditions between the beginning of any academic year and November first of that year.

The President, or, in his absence, the head of the department in which the candidate offers his major, presides at the examina-

tion. Not less than four members of the examining board must participate in the examination, which is entirely oral and is of three hours' duration.

The fee for the degree is \$25.00.

The degree of Doctor of Philosophy has been conferred upon 192 candidates distributed by years as follows:—

1891	2	1903	5
1892	6	1904	9
1893	5	1905	7
1894	4	1906	13
1895	7	1907	7
1896	5	1908	12
1897	8	1909	9
1898	10	1910	14
1899	5	1911	16
1900	8	1912	6
1901	8	1913	16
1902	1	1914	9
Total		192	

After the establishment of the College the University Faculty voted to grant the Degree of Master of Arts upon the following conditions:

1. The candidate shall have previously taken the degree of Bachelor of Arts, or have had a substantial equivalent for the training implied by that degree, to be determined by special vote of the Faculty; but such degree or training must involve a good preparation for the work proposed for the Master's degree, in order that it may be accepted.

2. The candidate must devote a full academic year to post-graduate work in this University after receiving the Bachelor's degree or the training accepted as its equivalent. This work shall be mainly in one department, but the candidate may do also such other work as shall be advised by the head of his principal department—whose approval of the whole course shall be necessary. In particular cases, the candidate may be allowed, by special vote of the Faculty, to divide his work between two years; but the aggregate must, in all cases, amount to a full year's work, at least.

3. The candidate must satisfy the representatives of his principal department that he has done his work faithfully and has mastered the subjects involved, by such written and oral examinations and other tests as the department may require. The head of the department shall make a written report to the Faculty of the grounds on which the candidate is recommended,

specifying the amount and character of his work, and this report shall be filed in the office.

4. The candidate must present a thesis or written report on some topic included in his course or closely related to it, that shall receive the approval of the representatives of his principal department, be accepted by the Faculty, and filed in the office.

5. Every candidate recommended for the Master's degree shall pay a fee of ten dollars.

6. The Master's degree will be conferred at the annual commencement in June of any year on those candidates only who shall have made written application to be considered as such on or before January fifteenth preceding, and shall have fulfilled all the conditions here specified at least one week before Commencement, at which time the academic year shall be regarded as ending for the purposes of section 2.

The degree of Master of Arts has been conferred upon 182 candidates distributed by years as follows:—

1905	1
1906	11
1907	10
1908	15
1909	19
1910	24
1911	33
1912	17
1913	23
1914	29

Total 182

Since 1905 all degrees have been conferred upon Commencement Day, which, while under the direction of the President of the College, is a joint celebration participated in by both institutions.

In the list of Doctors of Philosophy given below, the date on the right hand side, if prior to 1905, in each case is the date of the examination. Beginning with June 21st, 1905, the date represents Commencement Day in each year. The dates in brackets represent the time spent at the University in preparation for the degree.

The University has granted Honorary degrees upon three occasions only: viz., upon the celebration of the Tenth Anniversary, in 1899, when degrees were conferred upon five eminent European scientists who gave lectures upon their special subjects during the week of the celebration; at the inauguration of the late Carroll D. Wright as first President of Clark College,

October 9, 1902, when the degree of DOCTOR OF LAWS, *honoris causa* was conferred upon him and upon U. S. Senator Henry Cabot Lodge, the orator of the day; and, again, upon the celebration of the Twentieth Anniversary in September, 1909, when degrees were conferred upon twenty-nine eminent men who had either lectured or taken part in the scientific conferences incidental to the celebration which covered nearly two weeks.

HONORARY DEGREES

LUDWIG BOLTZMANN,	LL.D.,	July 10, 1899.
Professor of Theoretical Physics, University of Vienna.		
SANTIAGO RAMON Y CAJAL,	LL.D.,	July 10, 1899.
Professor of Histology, University of Madrid.		
AUGUST FOREL,	LL.D.,	July 10, 1899.
Late Director of the Burghölzli Asylum, Switzerland.		
ANGELO MOSSO,	LL.D.,	July 10, 1899.
Professor of Physiology, and Rector of the University of Turin.		
EMILE PICARD,	LL.D.,	July 10, 1899.
Professor of Mathematics, University of Paris.		
HENRY CABOT LODGE,	LL.D.,	October 9, 1902.
United States Senator from Massachusetts.		
CARROLL DAVIDSON WRIGHT,	LL.D.,	October 9, 1902.
President, Clark College.		
CARL BARUS,	LL.D.,	September 10, 1909.
Professor of Physics, Brown University.		
FRANZ BOAS,	LL.D.,	September 10, 1909.
Professor of Anthropology, Columbia University.		
MARSTON TAYLOR BOGERT,	LL.D.,	September 16, 1909.
Head of the Department of Organic Chemistry, Columbia University.		
HERMON CAREY BUMPUS,	LL.D.,	September 10, 1909.
Director American Museum of Natural History, and President of American Association of Museums.		
LEO BUERGERSTEIN,	LL.D.,	September 10, 1909.
University of Vienna, Austria.		
ANDRE DEBIERNE,	D.Sc.,	September 16, 1909.
Director of Research in radio-activity, University of Paris.		
SIGMUND FREUD,	LL.D.,	September 10, 1909.
University of Vienna.		
HERBERT SPENCER JENNINGS,	LL.D.,	September 10, 1909.
Professor of Experimental Zoology, Johns Hopkins University.		
CARL G. JUNG,	LL.D.,	September 10, 1909.
University of Zurich, Switzerland.		

- PERCIVAL LOWELL, LL.D., September 10, 1909.
Non-resident Professor of Astronomy, Massachusetts
Institute of Technology.
- ADOLF MEYER, LL.D., September 10, 1909.
Director of the Pathological Institute of New York.
- ARTHUR MICHAEL, LL.D., September 16, 1909.
First Professor of Chemistry in Clark University.
- ALBERT ABRAHAM MICHELSON, Phys.D., September 10, 1909.
Professor of Physics, University of Chicago.
- ELIAKIM HASTINGS MOORE, Math.D., September 10, 1909.
Professor and Head of the Department of Mathematics,
University of Chicago.
- ERNEST FOX NICHOLS, LL.D., September 10, 1909.
President, Dartmouth College.
- ARTHUR AMOS NOYES, LL.D., September 16, 1909.
Professor of Chemistry and Director of the Research
Laboratory of Physical Chemistry, Massachusetts Insti-
tute of Technology.
- WILLIAM ALBERT NOYES, LL.D., September 16, 1909.
Head Professor of Chemistry, University of Illinois.
- WILLIAM FOGG OSGOOD, LL.D., September 10, 1909.
Professor of Mathematics, Harvard University.
- JAMES PIERPONT, LL.D., September 10, 1909.
Professor of Mathematics, Yale University.
- THEODORE WILLIAM RICHARDS, Chem.D., September 16, 1909.
Professor of Chemistry, Harvard University.
- ERNEST RUTHERFORD, Phys.D., September 10, 1909.
Professor of Experimental Physics, University of Man-
chester, England.
- WILLIAM STERN, LL.D., September 10, 1909.
Extraordinary Professor of Philosophy, University of
Breslau.
- JULIUS STIEGLITZ, D.Sc., September 16, 1909.
Professor of Chemistry and Director of the Department
of Analytical Chemistry, University of Chicago.
- EDWARD BRADFORD TITCHENER, Litt.D., September 10, 1909.
Professor of Psychology, Cornell University.
- EDWARD BURR VANVLECK, LL.D., September 10, 1909.
Professor of Mathematics, University of Wisconsin.
- VITO VOLTERRA, Phys.D., September 10, 1909.
Professor of Mathematical Physics, University of Rome.
- CHARLES OTIS WHITMAN, Biol.D., September 10, 1909.
Head of the Department of Zoology, Chicago University.
- LEBBEUS L. WILFLEY, LL.D., September 16, 1909.
First Judge of the United States Court for China.

ROBERT WILLIAMS WOOD, LL.D., September 10, 1909.
Professor of Experimental Physics, Johns Hopkins University.

DOCTORS OF PHILOSOPHY

MATHEMATICS

-
- J. W. A. YOUNG, (1889—1892) Sept. 16, 1892.
On the determination of groups whose order is a power of a prime. *Amer. Jour. of Math.*, April, 1893, Vol. 15, pp. 124-178.
- WILLIAM H. METZLER, (1889—1892) Jan. 4, 1893.
On the roots of matrices. *Amer. Jour. of Math.*, Oct., 1892, Vol. 14, pp. 326-377.
- THOMAS F. HOLGATE, (1890—1893) May 9, 1893.
On certain ruled surfaces of the fourth order. *Amer. Jour. of Math.*, Oct., 1893, Vol. 15, pp. 344-386.
- JOHN E. HILL, (1892—1895) June 17, 1895.
On quintic surfaces. *Math. Rev.*, July, 1896, Vol. 1, pp. 1-59.
- L. WAYLAND DOWLING, (1892—1895) June 19, 1895.
On the forms of plane quintic curves. *Math. Rev.*, April, 1897, Vol. 1, pp. 97-119. 2 plates.
- THOMAS F. NICHOLS, (1892—1895) June 20, 1895.
On some special Jacobians. *Math. Rev.*, July, 1896, Vol. 1, pp. 60-80.
- WARREN G. BULLARD, (1893—1896) June 17, 1896.
On the general classification of plane quartic curves. *Math. Rev.*, 1899, Vol. 1, pp. 193-208. 3 plates.
- FREDERICK C. FERRY, (1895—1898) June 15, 1898.
Geometry of the cubic scroll of the first kind. *Archiv f. Math. og. Naturvidenskab*, B. 21, Nr. 3.
- ERNEST W. RETTGER, (1895—1898) June 16, 1898.
On Lie's theory of continuous groups. *Amer. Jour. of Math.*, Jan., 1900, Vol. 22, pp. 60-95.
- JOHN S. FRENCH, (1895—1898) March 28, 1899.
On the theory of the pertingents to a plane curve.
- FRANK B. WILLIAMS, (1897—Dec., 1901) June 4, 1900.
Geometry on ruled quartic surfaces. *Proc. of the Amer. Acad. of Arts and Sciences*, July, 1900, Vol. 36, pp. 19-60.
- STEPHEN ELMER SLOCUM, (1897—1900) June 6, 1900.
On the continuity of groups generated by infinitesimal transformations. *Proc. of the Amer. Acad. of Arts and Sciences*, Aug., 1900, Vol. 36, pp. 85-109.
- HALCOTT C. MORENO, (1897—1901) June 8, 1900.
On rules loci in n -fold space. *Proc. of the Amer. Acad. of Arts and Sciences*, Sept., 1901, Vol. 37, pp. 121-157.

- HERBERT G. KEPPEL, (1892—1895; 1900—1901) June 13, 1901.
The cubic three-spread ruled with planes in fourfold space.
- JOHN N. VAN DER VRIES, (1897—1901) June 14, 1901.
On the multiple points of twisted curves. *Proc. of the Amer. Acad. of Arts and Sciences*, Jan., 1903, Vol. 38, pp. 473-532.
- JESSE NEVIN GATES, (1900—1904) July 1, 1904.
Cubic and quartic surfaces in four-fold space.
- REGINALD BRYANT ALLEN, (1901-'03; 1904-'05) May 25, 1905.
On hypercomplex number systems belonging to an arbitrary domain of rationality. *Trans. Amer. Math. Soc.*, April, 1908, Vol. 9, pp. 203-218.
- HERMON LESTER SLOBIN, (1905—1908) June 18, 1908.
On plane quintic curves. (*Privately printed*) 25 p.
- RAYMOND KURTZ MORLEY, (1907—1910) June 16, 1910.
On the fundamental postulate of tamisage. *Am. Jour. of Math.*, Jan., 1912, Vol. 34, pp. 47-68.
- SOLOMON LEFSCHETZ, (1910—1911) June 15, 1911.
On the existence of loci with given singularities. *Trans. Am. Math. Soc.*, Jan., 1913, Vol. 14, pp. 23-41.
- WILLIAM JOHN MONTGOMERY, (1907—1911) June 15, 1911.
Singularities of twisted quintic curves.
- JAMES ATKINS BULLARD, (1911—1914) June 18, 1914.
On the structure of finite continuous groups.

PHYSICS

- T. PROCTOR HALL, (1890—1893) June 19, 1893.
New methods of measuring the surface-tension of liquids. *Phil. Mag.*, Nov., 1893, Vol. 36, pp. 385-413.
- CLARENCE A. SAUNDERS, (1892—1895) July 6, 1895.
The velocity of electric waves. *Phys. Rev.*, Sept.-Oct., 1896, Vol. 4, pp. 81-105.
- THOMAS W. EDMONDSON, (1894—1896) July 11, 1896.
On the disruptive discharge in air and liquid dielectrics. *Phys. Rev.*, Feb., 1898, Vol. 6, pp. 65-97.
- SAMUEL N. TAYLOR, (1893—1896) July 31, 1896.
A comparison of the electro-motive force of the Clark and Cadmium cells. *Phys. Rev.*, Sept.-Oct., 1898, Vol. 7, pp. 149-170.
- ALBERT P. WILLS, (1894—Jan., 1897) June 21, 1897.
On the susceptibility of diamagnetic and weakly magnetic substances. *Phys. Rev.*, April, 1898, Vol. 6, pp. 223-238.
- WILLIAM P. BOYNTON, (1894—1897) June 23, 1897.
A quantitative study of the high-frequency induction coil. *Phys. Rev.*, July, 1898, Vol. 7, pp. 35-63. 3 plates.

- JAMES EDMUND IVES, (1897—1901) June 11, 1901.
Contributions to the study of the induction coil. *Phys. Rev.*, May-June, 1902, Vol. 14, pp. 280-314; July, 1902, Vol. 15, pp. 7-19.
- ROY T. WELLS, (1900—1903) June 17, 1903.
Experiments on the induction of currents in cylindrical cores. *Phys. Rev.*, May, 1908, Vol. 26, pp. 337-357.
- JOSEPH GEORGE COFFIN, (1900—1903) Nov. 6, 1903.
Construction and calculation of absolute standards of inductance. *Bull. of the Bur. of Standards*, 1906, Vol. 1, pp. 87-143.
- ARTHUR L. CLARK, (1896—1898; 1903—1904) June 17, 1904.
Surface tension at the interface between certain liquids and vapors. *Proc. of the Amer. Acad. of Arts and Sciences*, Jan., 1906, Vol. 41, pp. 361-381.
- JOHN CHARLES HUBBARD, (1901—1904) June 18, 1904.
On the conditions for sparking at the break of an inductive circuit. *Phys. Rev.*, March, 1906, Vol. 22, pp. 124-158.
- FRANK KELTON BAILEY, (1898—1901; 1904-'06) June 19, 1906.
The latent heat of recalescence in iron and steel. *Phys. Rev.*, Feb., 1907, Vol. 24, pp. 129-151.
- JAMES THERON ROOD, (1903—1906) June 19, 1906.
Quantitative investigations on the transmission of sound by the telephone.
- GEORGE EDWIN STEBBINS, (1904—1907) June 20, 1907.
Sound distortion by the telephone transmitter and receiver.
- WILLIAM EDWARD STORY, JR., (1904—1907) June 20, 1907.
Experiments on the Poulsen arc. *Phys. Rev.*, Feb., 1910, Vol. 30, pp. 236-261.
- HOBERT CUTLER DICKINSON, (1902-'03; 1909-'10) June 16, 1910.
Combustion calorimetry and the heats of combustion of cane sugar, benzoic acid and naphthalene.
- GORDON SCOTT FULCHER, (1906—1908) June 16, 1910.
The production of light by canal rays. *Astrophys. Jour.*, Jan., 1911, Vol. 33, pp. 28-57.
- THOMAS LANSING PORTER, (1907—1910) June 16, 1910.
Experiments on a new dynamical method for the study of elastic hysteresis.
- GUY GAILLAIRD BECKNELL, (1908—1911) June 15, 1911.
On demagnetization of iron and steel bars by strain and impact.
- ROBERT HUTCHINGS GODDARD, (1908—1911) June 15, 1911.
On the conduction of electricity at contacts of dissimilar solids. *Phys. Rev.*, June, 1912, Vol. 34, pp. 423-451.

- ARTHUR TABER JONES, (1911—1913) June 17, 1913.
Acoustic repulsion of jets of gas.
- WALLACE FRANK POWERS, (1910—1914) June 18, 1914.
An experimental study of transient induced currents in
cylindrical cores.

CHEMISTRY

- THOMAS H. CLARK, (1889—1893) June 13, 1892.
The addition-products of benzo and of toluquinone.
Amer. Chem. Jour., Dec., 1892, Vol. 14, pp. 553-576.
- JOHN L. BRIDGE, (1891—1892) Jan. 8, 1894.
Ueber die Aether des Chinonoxims. (p-Nitrosophenols.)
Liebig's Annalen, Sept., 1893, Vol. 277, pp. 79-104.
- JULIUS B. WEEMS, (1892—1894) June 20, 1894.
On electrosyntheses by the direct union of anions of weak
organic acids. *Amer. Chem. Jour.*, Dec., 1894, Vol. 16,
pp. 569-588.
- CHARLES WILSON EASLEY, (1901-'04; 1906-'08) June 18, 1908.
On the partial vapor pressures of binary mixtures. *Jour.*
of the Amer. Chem. Soc., Sept., 1909, Vol. 31, pp. 953-987.
- WILLIAM LOUIS PRAGER, (1907—1908) June 18, 1908.
Steric hindrances in esterification. *Jour. of the Amer.*
Chem. Soc., Dec., 1908, Vol. 30, pp. 1895-1914.
- CHARLES WALTER BACON, (1906-'07; 1908-Dec. '10) June 15, 1911.
A study of fractional distillation.
- CLARENCE DELETTE WRIGHT, (1908—1911) June 15, 1911.
A new study of Steric hindrance in esterification.
- ELIAS YANOVSKY, (1912—1913) June 17, 1913.
Esterification catalysis.
- MARION MYRL HARRISON, (1912—1914) June 18, 1914.
The dynamics of the formation and decomposition of
tertiary amylesters.
- LILLIAN ROSANOFF, (1912—1914) June 18, 1914.
Theory of the catalysis of sugar inversion by acids.
- JOHN FREDERIC WILLIAM SCHULZE, (1911—1914) June 18, 1914.
A study of fractional distillation.

BIOLOGY

- HERMON C. BUMPUS, (1889—1890) Sept. 29, 1891.
The embryology of the American lobster. *Jour. of*
Morph., Sept., 1891, Vol. 5, pp. 215-262. 6 plates.
- WILLIAM M. WHEELER, (1890—1892) May 10, 1892
A contribution to insect embryology. *Jour. of Morph.*,
April, 1893, Vol. 8, pp. 1-160; 6 plates.

- EDWIN O. JORDAN, (1890—1892) May 11, 1892.
The habits and development of the newt. *Jour. of Morph.*, May, 1893, Vol. 8, pp. 269-366. 5 plates.
- JAMES ROLLIN SLONAKER, (1893—1896) June 20, 1896.
A comparative study of the area of acute vision in vertebrates. *Jour. of Morph.*, May, 1897, Vol. 13, pp. 445-502. 6 plates.
- COLIN C. STEWART, (1894—1897) June 19, 1897.
Variations in daily activity produced by alcohol and by changes in barometric pressure and diet, with a description of recording methods. *Jour. of Physiol.*, Jan., 1898, Vol. 1, pp. 40-56.
- FRED. MUTCHLER, (1902—1904) June 13, 1904.
On the structure and biology of the yeast plant. *Jour. of Med. Research*, Nov., 1905, Vol. 14, pp. 13-50. 1 plate.
- FREDERICK N. DUNCAN, (1905—1906) June 19, 1906.
A comparative study of contractile tissue.
- WILLIAM COPELAND, (1905—1907) June 20, 1907.
Periodicity in spirogyra. *Bot. Gaz.*, Jan., 1909, Vol. 47, pp. 9-25.
- ORIS POLK DELLINGER, (1904—1907) June 20, 1907.
The cilium as a key to the structure of contractile protoplasm. *Jour. of Morph.*, July, 1909, Vol. 20, pp. 171-209. 4 plates.
- NEWTON MILLER, (1906—1908) June 18, 1908.
The American toad (*Bufo Lentiginosus Americanus*, Leconte.) *Amer. Nat.*, Nov. and Dec., 1909, Vol. 43, pp. 641-666; 730-745.
- CAROLINE AMELIA OSBORNE, (1901—1908) June 18, 1908.
The sleep of infancy as related to physical and mental growth. *Ped. Sem.*, March, 1912, Vol. 19, pp. 1-47.
- BURTON NOBLE GATES, (1905—1907; 1908—1909) June 17, 1909.
Biological studies of the honey bee.
- WILLIAM T. M. FORBES, (1909—1910) June 16, 1910.
A structural study of some caterpillars. *Ann. Entom. Soc. of Amer.*, 1910, Vol. 3, pp. 94-132. 11 plates.
- FLOYD E. CHIDESTER, (1907—1908; 1910—1911) June 15, 1911.
Cyclopia in mammals.
- WILLIAM ALDERMAN MATHENY, (1908—1911) June 15, 1911.
A comparison of the American brown-rot fungus with *Sclerotinia fructigena* and *S. cinerea* of Europe. *Botanical Gazette*, Nov., 1913, Vol. 56, pp. 418-432.
- LEONARD BLAINE NICE, (1908—1911) June 15, 1911.
The comparative effects of alcohol, nicotine and caffeine on the growth and reproduction of white mice.

- IRVING ANGELL FIELD, (1911—1913) June 17, 1913.
The biology and economic value of the sea mussel,
Mytilus edulis.

PSYCHOLOGY AND EDUCATION

- HERBERT NICHOLS, (1889—1891) Sept. 29, 1891.
The psychology of time, historically and philosophically
considered with extended experiments. *Am. Jour. of*
Psy., Feb., 1891, Vol. 3, pp. 453-529; April, 1891, Vol. 4,
pp. 60-112. Also N. Y., H. Holt & Co., 1891, 140 p.
Folding plate.
- ALEXANDER F. CHAMBERLAIN, (1890—1892) March 9, 1892.
The language of the Mississauga Indians of Skúgog. A
contribution to the linguistics of the Algonkian tribes
of Canada. (*Privately Printed*.) McCalla & Co., Phila.,
1892. 84 p.
- WILLIAM L. BRYAN, (Oct., 1891—Jan., 1893) Dec. 13, 1892.
On the development of voluntary motor ability—with a
preface on the requirements of work in experimental
psychology. *Am. Jour. of Psy.*, Nov., 1892, Vol. 5, p.
125-204. 3 plates.
- FREDERICK TRACY, (1892—1893) May 29, 1893.
The psychology of childhood. Boston, D. C. Heath &
Co., 1893. 94 p.
- ARTHUR H. DANIELS, (1892—1893) June 21, 1893.
The new life; a study of regeneration. *Am. Jour. of*
Psy., Oct., 1893, Vol. 6, pp. 61-106.
- JOHN A. BERGSTROM, (1891—1894) May 14, 1894.
An experimental study of some of the conditions of mental
activity. *Am. Jour. of Psy.*, April, 1893, Vol. 5, pp.
356-369, with a plate; Jan., 1894, Vol. 6, pp. 247-274;
June, 1894, Vol. 6, pp. 433-442.
- FLETCHER B. DRESSLAR, (1891-'92; Jan., 1893-'94) June 14, 1894.
Studies in the psychology of touch. *Am. Jour. of Psy.*,
June, 1894, Vol. 6, pp. 313-368.
- THADDEUS L. BOLTON, (1890—1893) April 30, 1895.
Rhythm. *Am. Jour. of Psy.*, Jan., 1894, Vol. 6, pp. 145-
238.
- FRANK DREW, (1892—1895) July 29, 1895.
Attention: experimental and critical. *Am. Jour. of Psy.*,
July, 1896, Vol. 7, pp. 533-573.
- JAMES H. LEUBA, (1892—1895) July 29, 1895.
A study in the psychology of religious phenomena. *Am.*
Jour. of Psy., April, 1896, Vol. 7, pp. 309-385.

- COLIN A. SCOTT, (1894—1896) June 30, 1896.
Old age and death. *Am. Jour. of Psy.*, Oct., 1896, Vol. 8,
pp. 67-122.
- ELLSWORTH G. LANCASTER, (1895—1897) June 11, 1897.
The psychology and pedagogy of adolescence. *Ped.
Sem.*, July, 1897, Vol. 5, pp. 61-128.
- ERNEST H. LINDLEY, (1895—1897) June 12, 1897.
A study of puzzles with special reference to the psychology
of mental adaptation. *Am. Jour. of Psy.*, July, 1897,
Vol. 8, pp. 431-493.
- A. CASWELL ELLIS, (1894—1897) June 18, 1897.
The history of the philosophy of education.
- GEORGE E. DAWSON, (1895—1897) Aug. 2, 1897.
Psychic rudiments and morality. *Am. Jour. of Psy.*,
Jan., 1900, Vol. 11, pp. 181-224.
- EDWIN D. STARBUCK, (1895—1897) Aug. 3, 1897.
Some aspects of religious growth. *Am. Jour. of Psy.*,
Oct., 1897, Vol. 9, pp. 70-124.
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- FRANK EUGENE HOWARD, June 15, 1911.
Sources of pragmatism.
- GEORGE WILLIAM MACKAY, June 15, 1911.
The psychology of oratory.
- HENRY BROWN MOYLE, June 15, 1911.
Moral imbecility.
- BARBARA ELIZABETH ROETHLEIN, June 15, 1911.
The legibility of different faces of type.
- COLLYS FREDWARD SPARKMAN, June 15, 1911.
Satan and his ancestors from a psychological standpoint.
- IVY GERTRUDE CAMPBELL, June 18, 1912.
A study in pre-Socratic philosophy.
- RANSOM A. MACKIE, June 18, 1912.
Education during adolescence. A study of some phases
of modern high school reorganization.

CHARLES WEBSTER ST. JOHN,	June 18, 1912.
The psychology of senescence: An introductory study.	
RAYMOND BELLAMY,	June 17, 1913.
An introductory study of dreams.	
GEORGE EARL FREELAND,	June 17, 1913.
Education through spontaneous activity and toys.	
ARTHUR EDWARD HAMILTON,	June 17, 1913.
Eugenics.	
HENRY JACOBSON,	June 17, 1913.
An historical résumé of some religious phenomena in America.	
JOHN FRANCIS SULLIVAN,	June 17, 1913.
Vocational guidance.	
RAYMOND HOLDER WHEELER,	June 17, 1913.
A preliminary experimental study of volition.	
HAROLD RANDOLPH CROSLAND,	June 18, 1914.
The relative efficiency of imagery of different modalities in learning and remembering.	
BAITEN HORI,	June 18, 1914.
Theories of attention.	
SAMUEL CALMIN KOHS,	June 18, 1914.
The association method in its relation to the complex and complex indicators.	
FLORENCE MATEER,	June 18, 1914.
The psycho-clinician; personality and training.	
WILLIAM LEANDER MUTTART,	June 18, 1914.
The psychological basis of asceticism.	
GAULT W. PLEASANT,	June 18, 1914.
Boys' organizations and their educational value.	
CURTIS T. WILLIAMS,	June 18, 1914.
Animal totemism and tabu in literature.	

EDUCATION

ALBERT H. N. BARON,	June 19, 1906.
Juvenile delinquency in Worcester.	
GEORGE LEONARD DROWNE,	June 19, 1906.
The essential elements of poetry.	
HARRY SCHURMANN,	June 19, 1906.
Dramatic characteristics of Richard Wagner's tetralogy "Der Ring des Nibelungen."	
ELNORA WHITMAN CURTIS,	June 18, 1908.
The dramatic instinct in education. (<i>Ped. Sem.</i> , Sept., 1908, Vol. 15, pp. 299-346.)	
WILLIAM GREGORY SIDDELL,	June 18, 1908.
The juvenile court: its work, development and possibilities.	

GEORGE HENRY STEVES, Child labor.	June 18, 1908.
EDMUND SMITH CONKLIN, Collegiate religious education.	June 17, 1909.
LUCETTA CRUM, Story-telling.	June 17, 1909.
ANNA LOUISE KRANZ, Studies in the development of student honor and self-government.	June 17, 1909.
MARION GENEVIEVE BOLAND, Modern language teaching.	June 16, 1910.
THOMAS CHARLES CARRIGAN, Juvenile delinquency in Worcester.	June 16, 1910.
PERCY KENDALL HOLMES, The hygiene and pedagogy of the school period.	June 16, 1910.
JOHN LEROY HUGHES, Children's charities (Worcester Survey.)	June 16, 1910.
KARL JOHAN KARLSON, The Swedish population of Worcester: a study in social survey.	June 16, 1910.
JOHN MILTON McINDOO, Literature as a factor in education.	June 16, 1910.
JOHN FRANCIS ROCHE, Historical sketch of the parks and playgrounds of Worcester.	June 16, 1910.
ALICE HARPER DAMON, Biological interests of girls.	June 15, 1911.
BENJAMIN GEORGE DUBOIS, Migration of students.	June 15, 1911.
PIERCE JAMES FLEMING, Moving pictures as a factor in education. <i>Ped. Sem.</i> , Sept., 1911, Vol. 18, pp. 336-352.	June 15, 1911.
ERNEST HAMMOND, The juvenile court.	June 15, 1911.
WILLIAM BRYANT PERRY, The negro in business.	June 15, 1911.
GEORGE HERBERT SHAFER, Health inspection of schools in the United States. <i>Ped. Sem.</i> , Sept., 1911, Vol. 18, pp. 273-314.	June 15, 1911.
ADELE ADAMS STEELE, Some effects of invention and discovery on education.	June 15, 1911.
ASA GEORGE STEELE, Some phases of the problem of industrial education.	June 15, 1911.
THOMAS FRANCIS SULLIVAN, Industrial education in Massachusetts.	June 15, 1911.
IDA KIRTLEY WOOD, An introduction to the modern history of the education of women.	June 15, 1911.

MOSES EDWIN WOOD, The history of school superintendence in the United States.	June 15, 1911.
SOHICHI YAMADA, Suggestion in education.	June 15, 1911.
KATHERINE ELLA DOLBEAR, Precocious children.	June 18, 1912.
DOROTHY DRAKE, The place of toys in the life of a child.	June 18, 1912.
ANNIE ELIZABETH STOY, Suggestion in elementary education.	June 18, 1912.
SAMUEL CLAMAN, The correlation between physical defects and retardation in our schools.	June 17, 1913.
CHARLES HENRY CUMMINGS, A study of children's interests and day dreams.	June 17, 1913.
GEORGE ELLIS JONES, Tuberculosis among school children.	June 17, 1913.
ABRAHAM MANDELSTAM, Oxygen in relation to fatigue.	June 17, 1913.
FRANCIS JOHN O'BRIEN, The hygiene and pedagogy of play. With special reference to the playground.	June 17, 1913.
GEORGE BERNARD O'FLYNN, The educational value of the garden city.	June 17, 1913.
FRANCIS ALOYSIUS TOBIN, A study of sophistic education.	June 17, 1913.
LAWRENCE AUGUSTUS AVERILL, Problems of the rural school system in New England.	June 18, 1914.
WALTER JOSEPH BANKES, Cooperation of the home and the school.	June 18, 1914.
FRANCIS CORLISS BERRY, Dental hygiene in schools.	June 18, 1914.
EARL VAN DUSEN BURDICK, The social aspect of school dramatics.	June 18, 1914.
GEORGE ALLAN COE, The public school teacher in Massachusetts.	June 18, 1914.
CHARLES ANTHONY DONLON, Commercial education.	June 18, 1914.
MERLE COE KNAPP, The qualities of bad air.	June 18, 1914.
FLOYD MARION McDOWELL, The problem of the small college.	June 18, 1914.
JOHN FRANCIS O'CONNELL, Jesuit education.	June 18, 1914.
JOSEPH VINCENT O'CONNELL, Latin in the secondary schools.	June 18, 1914.

- JOHN HENRY PURNELL, June 18, 1914.
The model school as an educational factor.

ANTHROPOLOGY

- BERTHA CAROLINE DOWNING, June 16, 1910.
A contribution to the scientific study of the hand.
FREDERICK THOMAS MAYER-OAKES, June 15, 1911.
Infantile physical characters in adults: a study in human somatology.

HISTORY

- ROBERT IRVING BRAMHALL, June 19, 1906.
1. The origin and growth of the manor.
2. The Congo in American diplomacy.
WILLIAM HAROLD KEITH, June 19, 1906.
Russia's expansion and development in Asia; past and future.
CARLTON EARL RICHARDSON, June 17, 1909.
Unrest in India; its causes.
EDWARD WALTER CLARE, June 16, 1910.
Manchuria: its history and present situation.
AMY CLENDON FARLIN, June 16, 1910.
The international relations between the United States and China.
PAULINE ALLIS SMITH, June 16, 1910.
The evolution of the government of the Ottoman empire.
JESSIE LILLIAN WILLIS, June 16, 1910.
Government education in China.
ROBERT THOMAS ELLIOTT, June 15, 1911.
The development of the American colonial policy.
PAUL SUMNER EMERSON, June 15, 1911.
British South Africa: its history and present condition.
ARTHUR MONROE, June 15, 1911.
Korea and the Japanese: a study of events and conditions.
CURTIS HUGH MORROW, June 15, 1911.
British administration in Egypt: its failures and successes.
CLAUDE LEANDER SMITH, June 15, 1911.
The constructive and destructive factors in the christianization of China.
SAMUEL WINFIELD HIRSCH, June 18, 1912.
The economic, political and social status of the American negro since 1860.
WILLIAM KENDRICK SCHWAB, June 18, 1912.
Brazil—the United States of South America.
SAMUEL FLAGG BEMIS, June 17, 1913.
The expansion of the United States southward.

LAWRENCE WHITNEY BRIGHAM,	June 17, 1913.
The history and diplomacy of the Panama Canal.	
ALLAN GALE RICE,	June 17, 1913.
Liberia.	
SETRAK KRIKOR BOYAJIAN,	June 18, 1914.
Intervention in theory and practice.	
ALLAN DICKIE,	June 18, 1914.
The Monroe Doctrine.	
GEORGE WINFIELD MORRIS,	June 18, 1914.
The diplomatic relations between the United States and Russia.	
CLARENCE PROUTY SHEDD,	June 18, 1914.
The origin and development of the College Young Men's Christian Association movement in North America.	
WILLIAM RODERICK SHERMAN,	June 18, 1914.
The diplomatic relations of the United States with Mexico since 1848.	

ECONOMICS

FREDERICK NORTON COOKE, JR.,	June 19, 1906.
A study of the causes of poverty in Worcester, Mass.	
JUN WATANABE,	June 20, 1907.
The relation of trusts to labor unions.	
EDWARD MARTIN ARNOS,	June 18, 1908.
Should inequalities of wealth be regulated by a progressive income tax ?	
WALTER SEWARD FOLEY,	June 16, 1910.
Heterogeneity of population as correlated with diversity of industries in Worcester and other Massachusetts cities.	
KAZUWO UDO,	June 16, 1910.
The relation of Wall street to banking and industry.	
EDWIN LEAVITT CLARKE,	June 15, 1911.
Evidences of a new social philosophy.	
IRVING ARLINGTON HINKLEY,	June 15, 1911.
The relative development of certain selected industries in the United States and in New England.	
GEORGE GORDON SAMPSON,	June 15, 1911.
Forms and powers of Massachusetts State Boards and Commissions.	
HARRY LOUIS JACKSON,	June 18, 1912.
Housing conditions in Worcester.	
ROBERT JAMES STREETER,	June 18, 1912.
Unemployment: its causes and proposed remedies.	
ROBERT MORSE WOODBURY,	June 18, 1912.
Colora: a study in rural sociology.	

FRED WINFRED CHAPLIN,	June 17, 1913.
Society as a physical organism.	
CARL LISLE PERCY,	June 17, 1913.
Changes in the religious and social standards and customs of a Massachusetts town.	
MARY ALICE WAITE,	June 17, 1913.
Wages of women workers in department and retail stores.	
THOMAS ISAACS BROWN,	June 18, 1914.
A study of the social condition of the colored population of Worcester.	
WALTER GUY BUTLER,	June 18, 1914.
Hereditary pauperism.	

SUMMARY BY DEPARTMENTS

Doctors of Philosophy

Mathematics	22
Physics	22
Chemistry	11
Biology	17
Psychology and Education	117
Anthropology	2
Economics	1
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	Total 192

Masters of Arts

Mathematics	6
Physics	7
Chemistry	17
Biology	16
Psychology	47
Education	49
Anthropology	2
History	22
Economics	16
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	Total 182

CLARK COLLEGE

Mr. Clark, the Founder, who died in May, 1900, made provision in his will for the establishment of an institution "where young men who have graduated from the high schools and other preparatory schools may obtain, at a moderate cost, and in a three year course, a practical education which shall fit them for useful citizenship and their work in life." In the execution of this trust the Trustees in 1902 established Clark College.

The curriculum of the College has been arranged from the first upon the "Group" system, which permits a free election between groups, but requires within the group a fixed nucleus of related studies. At the opening of the College six groups were announced: Mathematics and Physics; Physics and Chemistry; Chemistry and Biology; History and Political and Social Science; together with two others which for brevity may be called Language and Literature, and Classical Languages. Later the Classical Language group was united with that of Language and Literature, and a new group, Biology and Psychology, was created. In 1909 the total was increased to eight, by adding History and English, and Psychology and Political and Social Science.

The titles of these groups, with one exception, indicate the "major" subjects pursued. In the Language and Literature Group, the "majors" permitted have been various combinations of languages ancient and modern. With the "majors" are associated "minor," required and elective courses sufficient to complete the total programme, for which during the first years of the College a total of 108 semester hours was the minimum standard and, beginning with the Class of 1909, a total of 108 semester hours.

Under the conditions and with the curriculum above indicated the College has conferred the A. B. degree in ten years upon 354 candidates, granting the one degree indifferently for work in all the groups.

BACHELORS OF ARTS

(The names of those not now living are indicated by a †)

CLASS OF 1905

GEORGE ELMER ALLEN	PHILIP NORMAN GLAZIER
WILLIAM ASHTON BENDER	DEVNEY JOSEPH GREELISH
SYLVANUS HAILE BOWEN, JR.	ROBERT BROWNING GREENWOOD
ROBERT IRVING BRAMHALL	BERTON BROOKS HARRINGTON
CLARENCE ARTHUR BURCH	ELMER ADNA HARRINGTON
LESLIE MILTON BURRAGE	WILLIAM HAROLD KEITH
WILLIAM JOSEPH CHISHOLM	RALPH STEVENS KENEELY
FREDERICK NORTON COOKE, JR.	LESLIE PHILLIPS LELAND
ANDREW AMBROSE CROWLEY	RALPH GREARSON LINGLEY
ROY MARION CUSHMAN	LEON IRVING MADDEN
GUY HENRY CUTTER	ALLAN BALCOM MILLER
NELSON PETER DESSERT	CHARLES WINTHROP MILLER
CHARLES ELBERT DISNEY	WALTER CORNELIUS MINSCH
FRANCIS MARTIN DOHERTY	WALDO DISRAELI PARKER
PHILIP AYRES EASLEY	EDWARD ALOYSIUS RYAN
CHARLES F. WILLARD EDMANDS	HARRY SCHUERMANN
ARTHUR HOWARD ESTABROOK	HERMON LESTER SLOBIN
JOHN GOODRIDGE EWING	HOWARD MARTIN SMITH
MICHAEL BERNARD FOX	†FREDERICK WILLIAM WALSH
FRANK HENRY GALE	REGINALD LESTER WEBB
JOHN RALPH GARBUTT	HAROLD CLAYTON WINGATE
BURTON NOBLE GATES	43

CLASS OF 1906

CHARLES WALTER BACON	STEPHEN PERHAM JEWETT
FRANCIS MARSH BALDWIN	HENRY CHASE MARBLE
FERDINAND JOSEPH BELISLE	CARLETON BELL NICKERSON
SAMUEL ROBERT COGHLAN	WILLARD LOUIS OSBORN
ALEXANDER ALFRED DAY	ALBERT JUDSON PECKHAM
WILLIAM WESTON EVANS	TIMOTHY JOSEPH STEVENSON
GEORGE EDWARD GAGE	JERRY MORTIMER WAKEFIELD
STEPHEN DELANO HADLEY, JR.	15

CLASS OF 1907

JACOB ASHER	PAUL MILTON MACKLIN
ELWIN IRVING BARTLETT	HENRY CARBEE MANN
OTTO FERDINAND BOND	GEORGE HAMMOND MIRICK
LEON EDWIN FELTON	WILLIAM JOHN MONTGOMERY
ALBERT MAX FRIEDMAN	LYMAN BARTLETT PHELPS
ROLLAND RAWSON GREENWOOD	CHARLES LYNCH PHILLIPS
ARCHIBALD MOSES HILLMAN	HOWARD LADD QUIMBY
ROBERT BATES HUNT	IWAR SIGURD WESTERBERG
CHARLES HENRY SAFFORD KING	17

CLASS OF 1908

REGINALD ROSCOE CHAFFEE	JULIAN IRA LINDSAY
ERNEST WOODWARD DEAN	WILLIAM LAWRENCE MILLEA
LEWIS WINSLOW EVERETT	OWEN WESLEY MILLS
LEROY MARSHALL HANDY	GEORGE FRANCIS MORIARTY
WILMOT W. GLIDDEN HASTINGS	THOMAS FRANCIS POWER
EDWARD HUBBARD, JR.	CARLTON EARL RICHARDSON
JOHN HAWLEY LARNED	ROBERT EVERETT ROCKWOOD
EARL SPEAR LEWIS	CLARENCE DELETTE WRIGHT

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CLASS OF 1909

FRED MCKENZIE ARNOLD	JOHN LEROY HUGHES
GEORGE MYRON BARROWS	ARTHUR WILDER KALLOM
ARNOLD AINSLIE BENT	KARL JOHAN KARLSON
GEORGE DAVIS BIVIN	CHARLES LAWLER KELLEY
CLARENCE NORMAN BOYNTON	B. WOODWARD LANPHEAR
SAMUEL FRANCIS BUMPUS	HARVEY KENT LESURE
ROLAND PROVOOST CARR	CLINTON NICHOLS MACKINNON
HOWARD ELIAS CHASE	ASHLEY ROBERT NAGLE
EDWARD WALTER CLARE	LESTER SILAS PARKER
EDWIN LEAVITT CLARKE	THOMAS LEON PATTERSON
CHARLES SAMUEL CURTIS	WILLIAM FREDERICK PHELAN
CLARENCE OLIVER DAVIS	CLARENCE PROUTY SHEDD
GLENN MERRILL DAVIS	THOMAS WILLIAM A. SHEEHAN
HOWARD KIRKBRIDE DILTS	NICHOLAS ARTHUR CLARKE
WALTER SEWARD FOLEY	SMITH
†CHARLES WESLEY GRACE	EDMUND DAVID STYLES

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CLASS OF 1910

RALPH WESLEY BALDWIN	HOWARD ALGERNON HOLT
BYRON WINFRED BARKER	ROY FRANCIS HOWES
JOSEPH PUTNAM CROSS	GORDON ALBERT HUBLEY
HAROLD JAMES CUTLER	JOSEPH S. KADESH
HENRY ABBOTT DODGE	ISRAEL LURIER
EDWARD JOHN DOLAN	ROBERT HENRY LUTHER
PHILIP STONE DONNELL	GEORGE WILLIAM MACKAY
PERLIE PETER FALLON	DANIEL JOSEPH MARSHALL
WILLIAM JAMES FAY	JOHN EDWARD MILLEA
HAROLD LUTHER FENNER	ACHILLES HENRY MONAT
ROLLO FRANCIS FLETCHER	CURTIS HUGH MORROW
JAMES KELLEY FOSTER	†DONALD PERLEY
HAROLD FRANCIS FULLER	WALLACE FRANK POWERS
HENRY SYLVESTER HASKINS	FLOYD ABNER RAMSDALL
GEORGE DAVID HEARN	WARREN MCKENDREE RASELY
IRVING ARLINGTON HINKLEY	DANIEL JOHN READEY

CLASS OF 1910—Continued

ALLAN GALE RICE	ROBERT JAMES STREETER
CARROLL WARD ROBINSON	ARTHUR CORBIN TAFT
ROGER WILLIAM SCHOFIELD	HORATIO WINFIELD THOMAS
OTIS CHAFFIN SHELDON	PHILIP DANIELS WESSON
ROBERT LUTHER SIBLEY	LUCIUS BRIGHAM WHEELER
HORACE KENNEDY SOWLES	RALPH HATHEWAY WHITE
HAROLD FREDERICK STIMSON	ROBERT MORSE WOODBURY
HUBERT EMERSON STODDARD	

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CLASS OF 1911

ERNEST LUDWIG ANDERSON	HARRY LOUIS JACKSON
DAVID JAMES ARNOLD	REUBEN KAUFMAN
RAY DEARBORN ARNOLD	ROBERT KIRKPATRICK
DOUGLAS BASNETT	EDMUND RANDOLPH LAINE, JR.
GARDNER CHENEY BASSET	ROBERT HERBERT LOOMIS
GLENN ROMEYNE BENNETT	ROY STANLEY MELVIN
CHARLES FRANCIS BOYLE	ALBERT FREDERICK NORRIS
HERMAN EVERETT BROWN	JOHN WILLIAM OAKES, JR.
JOHN FRANCIS BUTLER	FRANK WILLIAMS PETERS
ALLAN LORAIN CARTER	HAROLD ANDRUS PRESTON
FRED WINFRED CHAPLIN	ARTHUR REMI RACINE
WALLACE STREETER CHILSON	CHARLES WEBSTER ST. JOHN
FRANK HOWARD CLANCEY	WILLIAM KENDRICK SCHWAB
GEORGE ELLSWORTH THOMAS COLE	HUBERT CLINTON THOMPSON
WILLIAM ROBERT COOK	KHALIL ABDULLAH TOTAH
STANLEY WALTER CUMMINGS	BERTRAM TOURVILLE
JOSEPH FEINGOLD	JAMES HENRY WALSH
HERBERT GAMMONS	ERNEST HARL WHITE
SAMUEL WINFIELD HIRSCH	

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CLASS OF 1912

FORREST EVERETT ALEXANDER	CHARLES HENRY CUMMINGS
PAUL ALEXANDER AMES	LEO HENRY DAWSON
HAROLD BRADFORD ATWOOD	ROY FLOYD DIBBLE
EARLE WINSLOW BATTLES	ALLAN DICKIE
EUGENE SIMEON BELISLE	RAYMOND AUGUSTINE DUNPHY
SAMUEL FLAGG BEMIS	JOHN FRANCIS DWYER
LAWRENCE WHITNEY BRIGHAM	FLOYD HILL FRAME
ARTHUR WILLIAM BURT	HARDING WOODS GAYLORD
WALTER GUY BUTLER	HENRY RANDALL GODFREY
ROBERT RADCLYFFE CAR-	RALPH HERBERT HANKINS
MICHAEL	GORDON WALKER HERDMAN
PAUL LIPPITT CODY	JOHN RAYMOND HIGGINS

CLASS OF 1912—Continued

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 JOHN REDMOND KIRBY
 ZORA KLAIN
 MALCOLM GILES LITTLE
 LELAND CHARLES MAYNARD
 JOHN ROBINSON MCCURDY
 DOUGLAS FULLER MINER
 HAROLD ARTHUR MORTON
 FRANK THORWALD OBERG
 JOHN LAIMBEER PECKHAM
 LOUIS JOSEPH PELTIER
 HAROLD FISHER PIERCE
 FRANK RUSSELL POWERS
 EDWARD TABOR RADLEY
 HIRAM NEWTON RASELY
 CHARLES HAROLD RISLEY

KENT LINCOLN SANBORN
 ISRAEL JOSHUA SARASOHN
 JEREMIAH SHEEHAN
 JOHN ALOYSIUS SMITH
 MILTON MYERS SMITH
 RUSSELL BATCHELLER STOD-
 DARD
 ARNOLD PARKER STURTEVANT
 PHILIPPE ARMAND TETRAULT
 RALPH HOYT THAYER
 RALPH VALENTINE TOWNE
 RALPH HUBERT TWINING
 LEWIS CLARKSON TYREE
 FRANK ALFRED WALKER
 JAHAZIAH SHAW WEBB
 RAYMOND HOLDER WHEELER
 ROBERT ARNOLD WHITING
 WARREN CLIFFORD WHITMAN
 ARTHUR CLIFFORD WINSLOW

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CLASS OF 1913

FRANK LESTER ADAMS
 ADOLPH ANSELM
 HERMAN HISKIAS APPLIEDORN,
 JR.
 LAWRENCE AUGUSTUS AVERILL
 WALTER LEARNED BECKWITH
 HENRY EHLEN BERGER, JR.
 WALTER HENRY BOIREAU
 PAUL LLEWELLYN BOYCE
 THOMAS ISAACS BROWN
 PAUL EDWARDS CARRUTHERS
 PENG CHUN CHANG
 EDWARD PREST CHESTER
 HAROLD CURRY COCHRAN
 CHARLES EVERETT COYNE
 LEO GILBERT CUMMINGS
 LOREY CLIFFORD DAY
 WILLIAM BASSETT ELWELL
 SUMNER CARROLL GAGE
 RAY LINWOOD GAY
 CARROLL NEWMAN GIBNEY
 DAVIS ERASTUS HILL

WILLIAM OSCAR HORNE
 FRANK LESLIE JOHNSON
 LESTER CASWELL LEACH
 JOHN LUND
 ROBERT NELSON MOLT
 WILLIAM THOMAS MORAN
 TETSUTARO NAKANISHI
 JOSEPH NATHAN NATHANSON
 SIDNEY STEVENS NEGUS
 HERMAN CLAUS NORDENHOLT
 CLINTON BEDFORD OGILVIE
 AARON PAUL PRATT
 SAMUEL RESNIK
 ELON G. SARGENT
 FRANK LESLIE SAWYER
 WILLIAM RODERICK SHERMAN
 WILLIAM HALE STAEBNER
 JAMES FRANCIS SWEENEY
 WILSON WILLIAM THOMAS
 EARL WENTWORTH THOMSON
 IRVING JOSEPH TOWNSEND
 CARL MILTON WHITE

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CLASS OF 1914

WILLIAM CLAUDE BESSELIEVRE	ARTHUR WADE MURDOCK
ROGER EMERSON BROOKS	JOHN CORNELIUS O'BRIEN
ROBERT HAMILTON CANNON	JOHN PATRICK O'DAY
CLIFFORD ZENAS CHRISTOPHER	JUSTIN EVERETT O'KEEFE
EARL RICHARDSON KNAPP	GUSTAV KIELLAND OXHOLM
DANIELS	CHARLES CONRAD PARKER
EDWARD HENRY DARBY	EVERETT RUSSELL PHELPS
EARLE RAYMOND EDSON	MALCOLM NEVIL PILSWORTH
ROBERT ADAMS EDSON	EUGENE WASHBURN ROARK
EARNEST EDWARD EELLS	EDWARD LOUIS SAISSSELIN
RALPH WARNER ELLIS	JOSEPH WILLIAM SAVAGE
FREDERICK AZEL FENTON	CHARLES BUNSEN SHAW
HAROLD ALLEN FERGUSON	BENJAMIN FRANKLIN SMITH
ROLAND JAMES GODFREY	RAYMOND MANLEY SMITH
HARDY HAUGHRAN GORDON	LELAND STANFORD SPROUL
HOWARD WHIPPLE GREEN	DONALD REED TAFT
OLIVER MILLS HAYDEN	JOSEPH TALAMO
THOMAS ROBERT HENRY	ROLFE HENRY TALBOT
CHARLES WARD JOHNSON	THOMAS GORDON THOMPSON
HUGO PERCIVAL KARLSON	FRANK LESTER TRAFTON
MICHAEL MARCUS KILEY	FRANK ELIAKIM TUPPER
GUSTAF ALBERT LUNDGREN	JOHN THOMAS WARD
WILLIAM GEORGE MACLAREN	ARTHUR E. WOODHEAD

Index of Graduates

Acher, Rudolph	Ph. D.	1910	16
Adams, Frank Lester	A. B.	1913	34
Allen, George Elmer	A. B.	1905	31
Allen, Reginald Bryant	Ph. D.	1905	7
Alexander, Forrest Everett	A. B.	1912	33
Ames, Paul Alexander	A. B.	1912	33
Anderson, Ernest Ludwig	A. B.	1911	33
Anderson, Lewis Flint	Ph. D.	1907	15
Anselmi, Adolph	A. B.	1913	34
Appledorn, Jr., Herman Hiskias	A. B.	1913	34
Arnett, Lonna Dennis	Ph. D.	1903	14
Arnold, David James	A. B.	1911	33
Arnold, Fred McKenzie	A. B.	1909	32
Arnold, Ray Dearborn	A. B.	1911	33
Arnos, Edward Martin	A. M.	1908	28
Asher, Jacob	A. B.	1907	31
Atwood, Harold Bradford	A. B.	1912	33
Averill, Lawrence Augustus	A. B.	1913	34
— — — — —	A. M.	1914	26
Bacon, Charles Walter	A. B.	1906	31
— — — — —	A. M.	1907	20
— — — — —	Ph. D.	1911	9
Bailey, Frank Kelton	Ph. D.	1906	8
Baldwin, Francis Marsh	A. B.	1906	31
— — — — —	A. M.	1907	21
Baldwin, Ralph Wesley	A. B.	1910	32
Bankes, Walter Joseph	A. M.	1914	26
Barker, Byron Winfred	A. B.	1910	32
Baron, Albert H. N.	A. M.	1906	24
Barrows, George Myron	A. B.	1909	32
— — — — —	A. M.	1910	23
Bartlett, Elwin Irving	A. B.	1907	31
Barus, Carl	LL. D.	1909	4
Basnett, Douglas	A. B.	1911	33
Basset, Gardner Cheney	A. B.	1911	33
Battles, Earl Winslow	A. B.	1912	33
Becknell, Guy Gaillard	Ph. D.	1911	8
Beckwith, Walter Learned	A. B.	1913	34
Beeson, William James	A. M.	1908	22

Beik, Arthur Kennedy	Ph. D.	1913	18
Belisle, Eugene Simeon	A. B.	1912	33
Belisle, Ferdinand Joseph	A. B.	1906	31
Bellamy, Raymond	A. M.	1913	24
Bemis, Samuel Flagge	A. B.	1912	33
— — — — —	A. M.	1913	27
Bender, William Ashton	A. B.	1905	31
Bennett, Glenn Romeyne	A. B.	1911	33
Bent, Arnold Ainslee	A. B.	1909	32
Berger, Jr., Henry Ehlen	A. B.	1913	34
Bergström, John A	Ph. D.	1894	11
Berry, Francis Corliss	A. M.	1914	26
Besselieure, William Claude	A. B.	1914	35
Bivin, George Davis	A. B.	1909	32
— — — — —	A. M.	1910	23
— — — — —	Ph. D.	1913	18
Boas, Franz	LL. D.	1909	4
Bobbitt, John Franklin	Ph. D.	1909	16
Bogert, Marston Taylor	LL. D.	1909	4
Bohannon, Eugene William	Ph. D.	1912	17
Boireau, Walter Henry	A. B.	1913	34
Boland, Marion Genevieve	A. M.	1910	25
Bolton, Frederick E.	Ph. D.	1898	12
Bolton, Thaddeus L.	Ph. D.	1895	11
Boltzmann, Ludwig	LL. D.	1899	4
Bond, Otto Ferdinand	A. B.	1907	31
Book, William F.	Ph. D.	1906	15
Borgquist, Alvin	Ph. D.	1906	15
Bowen, Sylvanus Haile, Jr	A. B.	1905	31
Boyajian, Setrak Krikor	A. M.	1914	28
Boyce, Paul Llewellyn	A. B.	1913	34
Boyle, Charles Francis	A. B.	1911	33
Boynton, Clarence Norman	A. B.	1909	32
Boynton, William P.	Ph. D.	1897	7
Bramhall, Robert Irving	A. B.	1905	31
— — — — —	A. M.	1906	27
Bridge, John L.	Ph. D.	1894	9
Brigham, Lawrence Whitney	A. B.	1912	33
— — — — —	A. M.	1913	28
Brittain, Horace Leslie	Ph. D.	1907	15
Broene, Johannes	A. M.	1907	22
Brooks, Roger Emerson	A. B.	1914	35
Brown, Charles E.	Ph. D.	1904	14
Brown, Hermon Everett	A. B.	1911	33
Brown, Thomas Isaacs	A. B.	1913	34
— — — — —	A. M.	1914	29
Bruner, Jesse	A. M.	1909	21

Bryan, William L.	Ph. D.	1892	11
Bucke, W. Fowler	Ph. D.	1904	14
Bullard, James Atkins	Ph. D.	1914	7
Bullard, Warren G.	Ph. D.	1896	6
Bumpus, Hermon Carey	Ph. D.	1891	9
— — — — —	LL. D.	1909	4
Bumpus, Samuel Francis	A. B.	1909	32
Burch, Clarence Arthur	A. B.	1905	31
Burdick, Carl Van Dusen	A. M.	1914	26
Burgerstein, Leo	LL. D.	1909	4
Burk, Frederic	Ph. D.	1898	12
Burrage, Leslie Milton	A. B.	1905	31
Burt, Arthur William	A. B.	1912	33
Butler, Harry Joseph	A. M.	1910	23
Butler, John Francis	A. B.	1911	33
Butler, Walter Guy	A. B.	1912	33
— — — — —	A. M.	1914	29
Butman, Chester Arthur	A. M.	1909	19
Cajal, Santiago Ramon y	LL. D.	1899	4
Campbell, Ivy Gertrude	A. M.	1912	23
— — — — —	Ph. D.	1914	18
Cannon, Robert Hamilton	A. B.	1914	35
Carmichael, Robert Radclyffe	A. B.	1912	33
Carr, Roland Provost	A. B.	1909	32
Carrigan, Thomas Charles	A. M.	1910	25
— — — — —	Ph. D.	1911	17
Carroll, Charles Schofield	A. M.	1909	22
Carruthers, Paul Edwards	A. B.	1913	34
Carter, Allan Loraine	A. B.	1911	33
Cashen, George Bernard	A. M.	1910	23
Chaffee, Reginald Roscoe	A. B.	1908	32
Chamberlain, Alexander F.	Ph. D.	1892	11
Chandler, Edward Marion Augustus	A. M.	1914	21
Chang, Peng Chun	A. B.	1913	34
Chaplin, Fred Winfred	A. B.	1911	33
— — — — —	A. M.	1913	29
Chase, Harry Woodburn	Ph. D.	1910	16
Chase, Howard Elias	A. B.	1909	32
Chester, Edward Prest	A. B.	1913	34
Chidester, Floyd Earle	A. M.	1908	21
— — — — —	Ph. D.	1911	10
Chilson, Wallace Streeter	A. B.	1911	33
Chisholm, William Joseph	A. B.	1905	31
Christopher, Clifford Zenas	A. B.	1914	35
Claman, Samuel	A. M.	1913	26
Clancey, Frank Howard	A. B.	1911	33

Clare, Edward Walter	A. B.	1909	32
— — — — —	A. M.	1910	27
Clark, Arthur L.	Ph. D.	1904	8
Clark, Thomas H.	Ph. D.	1892	9
Clarke, Edwin Leavitt	A. B.	1909	32
— — — — —	A. M.	1911	28
Cleveland, Alfred A.	Ph. D.	1906	15
Cochran, Harold Curry	A. B.	1913	34
Cochran, Maud Ethel	A. M.	1910	21
Cody, Paul Lippitt	A. B.	1912	33
Coe, George Allan	A. M.	1914	26
Coffin, Ernest William	Ph. D.	1908	16
Coffin, Joseph George	Ph. D.	1903	8
Coghlan, Samuel Robert	A. B.	1906	31
Cole, George Ellsworth Thomas	A. B.	1911	33
Colegrove, Frederick W.	Ph. D.	1898	12
Conklin, Edmund Smith	A. M.	1909	25
— — — — —	Ph. D.	1911	17
Conradi, Edward	Ph. D.	1904	14
Cook, William Robert	A. B.	1911	33
Cooke, Frederick Norton, Jr.	A. B.	1905	31
— — — — —	A. M.	1906	28
Cooley, Herbert Carroll	Ph. D.	1911	17
Copeland, William	Ph. D.	1907	10
Coyne, Charles Everett	A. B.	1913	34
Crosland, Harold Randolph	A. M.	1914	24
Cross, Joseph Putnam	A. B.	1910	32
Croswell, Thomas R.	Ph. D.	1899	13
Crowley, Andrew Ambrose	A. B.	1905	31
Crum, Lucetta	A. M.	1909	25
Cummings, Charles Henry	A. B.	1912	33
— — — — —	A. M.	1913	26
Cummings, Leo Gilbert	A. B.	1913	34
Cummings, Stanley Walter	A. B.	1911	33
Curtis, Charles Samuel	A. B.	1909	32
Curtis, Elnora Whitman	A. M.	1908	24
— — — — —	Ph. D.	1910	17
Curtis, Henry S.	Ph. D.	1898	12
Cushman, Roy Marion	A. B.	1905	31
Cutler, Harold James	A. B.	1910	32
Cutter, Guy Henry	A. B.	1905	31
Damon, Alice Harper	A. M.	1911	25
Daniels, Arthur H.	Ph. D.	1893	11
Daniels, Earl Richardson Knapp	A. B.	1914	35
Darby, Edward Henry	A. B.	1914	35

Davis, Clarence Oliver	A. B.	1909	32
Davis, Glenn Merrill	A. B.	1909	32
Davis, Herbert Burnham	Ph. D.	1908	16
Dawson, George E.	Ph. D.	1897	12
Dawson, Leo Henry	A. B.	1912	33
— — — — —	A. M.	1914	21
Day, Alexander Alfred	A. B.	1906	31
Day, Lorey Clifford	A. B.	1913	34
Dean, Ernest Woodward	A. B.	1908	31
Debierne, Andre	D. Sc.	1909	4
Dellinger, Oris Polk	Ph. D.	1907	10
Dessert, Nelson Peter	A. B.	1905	31
Dibble, Roy Floyd	A. B.	1912	33
Dickie, Allan	A. B.	1912	33
— — — — —	A. M.	1914	28
Dickinson, Hobert Cutler	Ph. D.	1910	8
Dilts, Howard Kirkbride	A. B.	1909	32
Disney, Charles Elbert	A. B.	1905	31
— — — — —	A. M.	1907	21
Dixon, Edith Montgomery	A. M.	1907	21
Dodge, Henry Abbott	A. B.	1910	32
Doherty, Francis Martin	A. B.	1905	31
Dolan, Edward John	A. B.	1910	32
Dolbear, Katherine Ella	A. M.	1912	26
Donlon, Charles Anthony	A. M.	1914	26
Donnell, Philip Stone	A. B.	1910	32
Dowd, John Edward	A. M.	1909	22
Dowling, L. Wayland	Ph. D.	1895	6
Downey, Helen Maher	A. M.	1909	22
Downing, Bertha Caroline	A. M.	1910	27
Drake, Dorothy	A. M.	1912	26
Dresslar, Fletcher B.	Ph. D.	1894	11
Drew, Frank	Ph. D.	1895	11
Drowne, George Leonard	A. M.	1906	24
Dubois, Benjamin George	A. M.	1911	25
Duncan, Frederick N.	Ph. D.	1906	10
Dunphy, Raymond Augustine	A. B.	1912	33
— — — — —	A. M.	1913	20
Dustheimer, Oscar Lee	A. M.	1914	19
Dwyer, John Francis	A. B.	1912	33
Easley, Charles Wilson	Ph. D.	1908	9
Easley, Philip Ayres	A. B.	1905	31
Eby, Frederick	Ph. D.	1900	13
Edmands, Charles F. Willard	A. B.	1905	31
Edmondson, Thomas W.	Ph. D.	1896	7

Edson, Earle Raymond	A. B.	1914	35
Edson, Robert Adams	A. B.	1914	35
Eells, Earnest Edward	A. B.	1914	35
Elliott, Robert Thomas	A. M.	1911	27
Ellis, A. Caswell	Ph. D.	1897	12
Ellis, Ralph Warner	A. B.	1914	35
Ellis, Robert Sidney	Ph. D.	1914	18
Ellison, Louise	A. M.	1907	22
Ellison, Louise (Mrs. Ordahl)	Ph. D.	1909	16
Elwell, William Bassett	A. B.	1913	34
Emerson, Paul Sumner	A. M.	1911	27
Estabrook, Arthur Howard	A. B.	1905	31
—	A. M.	1906	21
Evans, William Weston	A. B.	1906	31
Everett, Lewis Winslow	A. B.	1908	32
Ewing, John Goodridge	A. B.	1905	31
Fallon, Perlie Peter	A. B.	1910	32
Farlin, Amy Clendon	A. M.	1910	27
Fay, William James	A. B.	1910	32
Feingold, Joseph	A. B.	1911	33
Felton, Leon Edwin	A. B.	1907	31
Fenner, Harold Luther	A. B.	1910	32
Fenton, Frederick Azel	A. B.	1914	35
Ferguson, Harold Allen	A. B.	1914	35
Ferry, Frederick C.	Ph. D.	1898	6
Field, Irving Angell	Ph. D.	1913	11
Finkenbinder, Erwin Oliver	A. M.	1911	23
—	Ph. D.	1913	18
Fisher, Sara Carolyn	Ph. D.	1913	18
Fleming, Pierce James	A. M.	1911	25
Fletcher, John Madison	Ph. D.	1912	17
Fletcher, Rollo Francis	A. B.	1910	32
Foley, Walter Seward	A. B.	1909	32
—	A. M.	1910	28
Forbes, William Trowbridge Merrifield	Ph. D.	1910	10
Forel, August	LL. D.	1899	4
Foster, James Kelley	A. B.	1910	32
Fox, Michael Bernard	A. B.	1905	31
Frame, Floy Hill	A. B.	1912	33
France, Clemens James	Ph. D.	1901	13
Freeland, George Carl	A. M.	1913	24
French, John S	Ph. D.	1899	6
Freud, Sigmund	LL. D.	1909	4
Friedman, Albert Max	A. B.	1907	31
Fulcher, Gordon Scott	Ph. D.	1910	8

Fuller, Harold Francis	A. B.	1910	32
— — — — —	A. M.	1911	20
Gage, George Edward	A. B.	1906	31
Gage, Sumner Carroll	A. B.	1913	34
Gale, Frank Henry	A. B.	1905	31
Gammons, Herbert	A. B.	1911	33
Garbutt, John Ralph	A. B.	1905	31
Gard, Willis Lloyd	Ph. D.	1908	16
Gates, Burton Noble	A. B.	1905	31
— — — — —	A. M.	1906	21
— — — — —	Ph. D.	1909	10
Gates, Jesse Nevin	Ph. D.	1904	7
Gay, Ray Linwood	A. B.	1913	34
Gaylord, Harding Woods	A. B.	1912	33
Gesell, Arnold Lucius	Ph. D.	1906	15
Gibbs, David	Ph. D.	1906	15
Gibney, Carroll Newman	A. B.	1913	34
Gilbertson, Albert Nicolay	Ph. D.	1913	19
Glazier, Philip Norman	A. B.	1905	31
Goddard, Henry H.	Ph. D.	1899	12
Goddard, Robert Hutchings	A. M.	1910	20
— — — — —	Ph. D.	1911	8
Godfrey, Henry Randall	A. B.	1912	33
Godfrey, Roland James	A. B.	1914	35
Goodrich, Merton Taylor	A. M.	1912	19
Gordon, Hardy Haughran	A. B.	1914	35
Gowen, Benjamin Spencer	Ph. D.	1905	14
Grace, Charles Wesley	A. B.	1909	32
Greelish, Devney Joseph	A. B.	1905	31
Green, Howard Whipple	A. B.	1914	35
Greenwood, Robert Browning	A. B.	1905	31
Greenwood, Rolland Rawson	A. B.	1907	31
— — — — —	A. M.	1908	22
Grose, Merritt Roy	A. M.	1912	20
Guillet, Cephas	Ph. D.	1898	12
Gulick, Louise	A. M.	1910	21
Hadley, Stephen Delano, Jr.	A. B.	1906	31
Hall, T. Proctor	Ph. D.	1893	7
Hamilton, Arthur E.	A. M.	1913	24
Hammond, Ernest	A. M.	1911	25
Handy, Leroy Marshall	A. B.	1908	32
Hankins, Ralph Herbert	A. B.	1912	33
Harrington, Berton Brooks	A. B.	1905	31

Harrington, Elmer Adna	A. B.	1905	31
— — — — —	A. M.	1906	19
Harris, James William	Ph. D.	1908	16
Harrison, Marion Myrl	A. M.	1913	21
— — — — —	Ph. D.	1914	9
Hart, Robert Singleton	A. M.	1910	20
Hartson, Louis Dunton	Ph. D.	1911	17
Harvey, McLeod	Ph. D.	1911	17
Haskins, Henry Sylvester	A. B.	1910	32
Haslett, Samuel B.	Ph. D.	1901	13
Hastings, Wilmot W. Glidden	A. B.	1908	32
Hayden, Oliver Mills	A. B.	1914	35
Hayes, Alice Berg	A. M.	1911	19
Haynes, Rowland	A. M.	1905	22
Hearn, George David	A. B.	1910	32
Helie, Euclid	A. M.	1908	22
Henry, Thomas Robert	A. B.	1914	35
Herdman, Gordon Walker	A. B.	1912	33
Higgins, John Raymond	A. B.	1912	33
Hill, David Erastus	A. B.	1913	34
Hill, David Spence	Ph. D.	1907	15
Hill, John E.	Ph. D.	1895	6
Hillman, Archibald Moses	A. B.	1907	31
Hinkley, Irving Arlington	A. B.	1910	32
— — — — —	A. M.	1911	28
Hirsh, Samuel Winfield	A. B.	1911	33
— — — — —	A. M.	1912	27
Hitchcock, Albert Wellman	Ph. D.	1906	15
Holgate, Thomas F.	Ph. D.	1893	6
Holmes, Percy Kendall	A. M.	1910	25
Holmes, William Henry, Jr.	Ph. D.	1910	17
Holt, Howard Algernon	A. B.	1910	32
Hori, Baiten	A. M.	1914	24
Horne, William Oscar	A. B.	1913	34
Howard, Frank Eugene	A. M.	1911	23
— — — — —	Ph. D.	1912	17
Howes, Roy Francis	A. B.	1910	32
Hubbard, Edward, Jr.	A. B.	1908	32
Hubbard, John Charles	Ph. D.	1904	8
Hubley, Gordon Albert	A. B.	1910	32
Huey, Edmund B.	Ph. D.	1899	13
Hughes, John Leroy	A. B.	1909	32
— — — — —	A. M.	1910	25
Hunt, Robert Bates	A. B.	1907	31
Hutchinson, George Alexander	Ph. D.	1910	17
Hylan, John P.	Ph. D.	1901	14

Ishizawa, Kyugori	Ph. D.	1909	19
Ives, James Edmund	Ph. D.	1901	8
Jackson, Harry Louis	A. B.	1911	33
— — — — —	A. M.	1912	28
Jacobson, Henry	A. B.	1912	34
— — — — —	A. M.	1913	24
Jennings, Herbert Spencer	LL. D.	1909	4
Jewell, James Ralph	Ph. D.	1906	15
Jewett, Stephen Perham	A. B.	1906	31
Johnson, Carl	A. B.	1912	34
Johnson, Charles Ward	A. B.	1914	35
Johnson, Frank Leslie	A. B.	1913	34
Johnson, Ward Lamb	A. B.	1912	34
Jones, Arthur Taber	Ph. D.	1913	9
Jones, George Ellis	A. M.	1913	26
Jordan, Edwin O.	Ph. D.	1892	10
Jung, Carl G.	LL. D.	1909	4
Kadesh, Joseph S.	A. B.	1910	32
Kakise, Hikoso	Ph. D.	1909	16
Kallom, Arthur Wilder	A. B.	1909	32
— — — — —	A. M.	1910	22
Kanda, Sakyo	A. M.	1909	23
Karlson, Hugo Percival	A. B.	1914	35
Karlson, Karl Johan	A. B.	1909	32
— — — — —	A. M.	1910	25
Karlson, Karl John	Ph. D.	1912	18
Kaufman, Reuben	A. B.	1911	33
Kaylor, Mott Albertus	A. M.	1909	23
Keith, William Harold	A. B.	1905	31
— — — — —	A. M.	1906	27
Kelley, Charles Lawler	A. B.	1909	32
Keneely, Ralph Stevens	A. B.	1905	31
Keppel, Herbert G.	Ph. D.	1901	7
Kiley, Michael Marcus	A. B.	1914	35
Kimball, Ralph Guy	A. B.	1912	34
King, Charles Henry Safford	A. B.	1907	31
Kinnaman, Andrew J.	Ph. D.	1902	14
Kirby, John Redmond	A. B.	1912	34
Kirkpatrick, Robert	A. B.	1911	33
Klain, Zora	A. B.	1912	34
Kline, Linus W.	Ph. D.	1898	12
Knapp, Merle Coe	A. M.	1914	26
Kohs, Samuel Calmin	A. M.	1914	24
Kranz, Anna Louise	A. M.	1909	25

Kuhlmann, Fred	Ph. D.	1903	14
Kuma, Toshi-Yasu	Ph. D.	1906	15
Laine, Edmund Randolph, Jr.	A. B.	1911	33
Lancaster, Ellsworth G.	Ph. D.	1897	12
Lanphear, B. Woodward	A. B.	1909	32
Larned, John Hawley	A. B.	1908	32
Leach, Lester Caswell	A. B.	1913	34
Lefschetz, Solomon	Ph. D.	1911	7
Leland, Leslie Phillips	A. B.	1905	31
LeSure, Harvey Kent	A. B.	1909	32
Leuba, James H.	Ph. D.	1895	11
Lewis, Earl Spear	A. B.	1908	32
Libby, M. F.	Ph. D.	1901	13
Libby, Walter	Ph. D.	1905	14
Lie, Olaf Kristofer	A. M.	1908	19
Lindley, Ernest H.	Ph. D.	1897	12
Lindsay, Julian Ira	A. B.	1908	32
Lingley, Ralph Grearson	A. B.	1905	31
Little, Malcolm Giles	A. B.	1912	34
Lodge, Henry Cabot	LL. D.	1902	4
Loomis, Robert Herbert	A. B.	1911	33
Lowden, Thomas Scott	Ph. D.	1905	14
Lowell, Percival	LL. D.	1909	5
Lund, John	A. B.	1913	34
Lundgren, Gustaf Albert	A. B.	1914	35
Lurier, Israel	A. B.	1910	32
Luther, Robert Henry	A. B.	1910	32
Lyford, Chauncey Allan	A. M.	1906	20
Lyans, Cecil Kenyon	Ph. D.	1914	18
McCormick, Clarence	A. M.	1914	19
McCurdy, James Huff	A. M.	1909	23
McCurdy, John Robinson	A. B.	1912	34
McDougle, Ernest Clifton	Ph. D.	1914	18
McDowell, Floyd Marion	A. M.	1914	26
McIndoo, John Milton	A. M.	1910	25
— — — — —	Ph. D.	1912	18
Mackay, George William	A. B.	1910	32
— — — — —	A. M.	1911	23
Mackie, Ransom A.	A. M.	1912	23
Mackinnon, Clinton Nichols	A. B.	1909	32
Macklin, Paul Milton	A. B.	1907	31
MacLaren, William George	A. B.	1914	35
McNamara, Francis Patrick	A. M.	1908	22
Madden, Leon Irving	A. B.	1905	31

Magni, John A.	Ph. D.	1909	16
Mandelstain, Abraham	A. M.	1913	26
Mann, Henry Carbee	A. B.	1907	31
Marble, Henry Chase	A. B.	1906	31
Marshall, Daniel Joseph	A. B.	1910	32
Mateer, Florence	A. M.	1914	24
Matheny, William Alderman	A. M.	1909	21
—	Ph. D.	1911	10
Mayer-Oakes, Frederick Thomas	A. M.	1911	27
Maynard, Leland Charles	A. B.	1912	34
Melvin, Roy Stanley	A. B.	1911	33
Metzler, William H.	Ph. D.	1893	6
Meyer, Adolf	LL. D.	1909	5
Michael, Arthur	LL. D.	1909	5
Michelson, Albert Abraham	Phys. D.	1909	5
Millea, John Edward	A. B.	1910	32
Millea, William Lawrence	A. B.	1908	32
Miller, Allan Balcom	A. B.	1905	31
Miller, Charles Winthrop	A. B.	1905	31
Miller, Newton	Ph. D.	1908	10
Mills, Owen Wesley	A. B.	1908	32
—	A. M.	1909	21
Miner, Douglas Fuller	A. B.	1912	34
Minsch, Walter Cornelius	A. B.	1905	31
Mirick, George Hammond	A. B.	1907	31
Misawa, Tadasu	Ph. D.	1908	16
Molt, Robert Nelson	A. B.	1913	34
Monat, Archilles Henry	A. B.	1910	32
Monroe, Arthur	A. M.	1911	27
Montgomery, William John	A. B.	1907	31
—	A. M.	1909	19
—	Ph. D.	1911	7
Moore, Eliakim Hastings	Math. D.	1909	5
Moran, William Thomas	A. B.	1913	34
Moreno, Halcott C.	Ph. D.	1900	6
Moriarty, George Francis	A. B.	1908	32
Morley, Raymond Kurtz	Ph. D.	1910	7
Morris, George Winfield	A. M.	1914	28
Morrow, Curtis Hugh	A. B.	1910	32
—	A. M.	1911	27
Morton, Harold Arthur	A. B.	1912	34
—	A. M.	1913	21
Moses, Josiah	Ph. D.	1904	14
Mosso, Angelo	LL. D.	1899	4
Moyle, Henry Brown	A. M.	1911	23
Murdock, Arthur Wade	A. B.	1914	35

Mutchler, Fred	Ph. D.	1904	10
Muttart, William Leander	A. M.	1914	24
Myers, George Edmund	Ph. D.	1906	15
Nagle, Ashley Robert	A. B.	1909	32
Nakamura, Yasuma	A. M.	1909	23
Nakanishi, Tetsutaro	A. B.	1913	34
Nathanson, Joseph Nathan	A. B.	1913	34
Negus, Sidney Stevens	A. B.	1913	34
Nice, Leonard Blaine	Ph. D.	1911	10
Nichols, Ernest Fox	LL. D.	1909	5
Nichols, Herbert	Ph. D.	1891	11
Nichols, Thomas F.	Ph. D.	1895	6
Nickerson, Carleton Bell	A. B.	1906	31
—	A. M.	1907	20
Nordenholt, Herman Claus	A. B.	1913	34
Norris, Albert Frederick	A. B.	1911	33
Noyes, Arthur Amos	LL. D.	1909	5
Noyes, William Albert	LL. D.	1909	5
Oakes, John William, Jr.	A. B.	1911	33
Oberg, Frank Thorwald	A. B.	1912	34
O'Brien, Francis John	A. M.	1913	26
O'Brien, John Cornelius	A. B.	1914	35
O'Connell, John Francis	A. M.	1914	26
O'Connell, Joseph Vincent	A. M.	1914	26
O'Day, John Patrick	A. B.	1914	35
Odum, Howard W.	Ph. D.	1909	16
O'Flynn, George Bernard	A. M.	1913	26
Ogilvie, Clinton Bedford	A. B.	1913	34
O'Keefe, Justin Everett	A. B.	1914	35
Ordahl, George	Ph. D.	1908	16
Osborn, Willard Louis	A. B.	1906	31
Osborne, Caroline Amelia	A. M.	1907	21
—	Ph. D.	1908	10
Osgood, William Fogg	LL. D.	1909	5
Oxholm, Gustav Kielland	A. B.	1914	35
Parker, Charles Conrad	A. B.	1914	35
Parker, Lester Silas	A. B.	1909	32
Parker, Waldo Disraeli	A. B.	1905	31
Partridge, George E.	Ph. D.	1899	13
Patterson, Thomas Leon	A. B.	1909	32
Pechkam, Albert Judson	A. B.	1906	31
Peckham, John Laimbeer	A. B.	1912	34
Peltier, Louis Joseph	A. B.	1912	34
Percy, Carl Lisle	A. M.	1913	29
Perley, Donald	A. B.	1910	32

Perry, William Bryant	A. M.	1911	25
Peters, Frank Williams	A. B.	1911	33
Phelan, William Frederick	A. B.	1909	32
Phelps, Everett Russell	A. B.	1914	35
Phelps, Lyman Bartlett	A. B.	1907	31
Phillips, Charles Lynch	A. B.	1907	31
Phillips, Daniel E.	Ph. D.	1898	12
Picard, Emile	LL. D.	1899	4
Pierce, Harold Fisher	A. B.	1912	34
Pierpont, James	LL. D.	1909	5
Pilsworth, Malcolm Nevil	A. B.	1914	35
Pleasant, Gault W.	A. M.	1914	24
Porter, James P.	Ph. D.	1906	15
Porter, Thomas Lansing	A. M.	1908	19
— — — — —	Ph. D.	1910	8
Potter, Herman Monroe	A. M.	1912	20
Power, Thomas Francis	A. B.	1908	32
— — — — —	A. M.	1909	20
Powers, Frank Russell	A. B.	1912	34
Powers, Wallace Frank	A. B.	1910	32
— — — — —	A. M.	1911	20
— — — — —	Ph. D.	1914	9
Prager, William Louis	Ph. D.	1908	9
Pratt, Aaron Paul	A. B.	1913	34
Purnell, John Henry	A. M.	1914	27
Preston, Harold Andrus	A. B.	1911	33
Quimby, Howard Ladd	A. B.	1907	31
Racine, Arthur Remi	A. B.	1911	33
Radley, Edward Tabor	A. B.	1912	34
Ramsdell, Floyd Abner	A. B.	1910	32
Rasely, Hiram Newton	A. B.	1912	34
Rasely, Warren McKendree	A. B.	1910	32
Readey, Daniel John	A. B.	1910	32
Resnik, Samuel	A. B.	1913	34
Rettger, Ernest W.	Ph. D.	1898	6
Rice, Allan Gale	A. B.	1910	33
— — — — —	A. M.	1913	28
Richards, Theodore William	Chem. D.	1909	5
Richardson, Carlton Earl	A. B.	1908	32
— — — — —	A. M.	1909	27
Richardson, Roy Franklin	Ph. D.	1913	18
Risley, Charles Harold	A. B.	1912	34
Roark, Eugene Washburn	A. B.	1914	35
Robinson, Carroll Ward	A. B.	1910	33
Robinson, Kirkman K.	Ph. D.	1913	18
Roche, John Francis	A. M.	1910	25

Rockwood, Robert Everett	A. B.	1908	32
Roethlein, Barbara Elizabeth	A. M.	1911	23
Rood, James Theron	Ph. D.	1906	8
Rosanoff, Lillian	Ph. D.	1914	9
Rowe, Eugene Charles	Ph. D.	1909	16
Russell, James Andrew	A. M.	1908	22
Rutherford, Ernest	Phys. D.	1909	5
Ryan, Edward Eloysius	A. B.	1905	31
Sackett, Leroy Walter	Ph. D.	1910	17
St. John, Charles Webster	A. B.	1911	33
— — — — —	A. M.	1912	24
St. John, Edward Porter	A. M.	1908	22
Saisselin, Edward Louis	A. B.	1914	35
Salmon, John James	A. M.	1909	23
Sampson, George Gordon	A. M.	1911	28
Sanborn, Kent Lincoln	A. B.	1912	34
Sarasohn, Israel Joshua	A. B.	1912	34
Sargent, Elon G.	A. B.	1913	34
Saunders, Clarence A.	Ph. D.	1895	7
Savage, Joseph William	A. B.	1914	35
Sawyer, Frank Leslie	A. B.	1913	34
Schofield, Roger William	A. B.	1910	33
Schuermann, Harry	A. B.	1905	31
— — — — —	A. M.	1906	24
Schulze, John Frederic William	A. M.	1912	20
— — — — —	Ph. D.	1914	9
Schwab, William Kendrick	A. B.	1911	33
— — — — —	A. M.	1912	27
Scott, Colin A.	Ph. D.	1896	12
Sears, Charles H.	Ph. D.	1901	13
Sechrist, Frank K.	Ph. D.	1913	18
Shafer, George Herbert	A. M.	1911	25
Shaw, Charles Bunsen	A. B.	1914	35
Shedd, Clarence Prouty	A. B.	1909	32
— — — — —	A. M.	1914	28
Sheehan, Jeremiah	A. B.	1912	34
Sheehan, Thomas William A.	A. B.	1909	32
Sherman, William Roderick	A. B.	1913	34
— — — — —	A. M.	1914	28
Sheldon, Henry Davidson	Ph. D.	1900	13
Sheldon, Otis Chaffin	A. B.	1910	33
Sibley, Robert Luther	A. B.	1910	33
— — — — —	A. M.	1911	20
Siddell, William Gregory	A. M.	1908	24
Slobin, Hermon Lester	A. B.	1905	31
— — — — —	Ph. D.	1908	7

Slocum, Stephen Elmer	Ph. D.	1900	6
Slonaker, James Rollin	Ph. D.	1896	10
Small, Maurice H.	Ph. D.	1905	14
Small, Willard S.	Ph. D.	1900	13
Smith, Benjamin Franklin	A. B.	1914	35
Smith, Claude Leander	A. M.	1911	27
Smith, Howard Martin	A. B.	1905	31
Smith, John Aloysius	A. B.	1912	34
Smith, Milton Myers	A. B.	1912	34
Smith, Nicholas Arthur Clarke	A. B.	1909	32
Smith, Pauline Allis	A. M.	1910	27
Smith, Raymond Manley	A. B.	1914	35
Sowles, Horace Kennedy	A. B.	1910	33
Sparkman, Collys Fredward	A. M.	1911	23
Spidle, Simeon	Ph. D.	1911	17
Sproul, Leland Stanford	A. B.	1914	35
Squier, Rosie Gardner	A. M.	1912	22
Staebner, William Hale	A. B.	1913	34
Starbuck, Edwin D.	Ph. D.	1897	12
Stebbins, George Edwin	Ph. D.	1907	8
Steele, Adele Adams	A. M.	1911	25
— — — — —	Ph. D.	1913	18
Steele, Asa George	A. M.	1911	25
— — — — —	Ph. D.	1913	18
Stern, William	LL. D.	1909	5
Stevenson, Timothy Joseph	A. B.	1906	31
— — — — —	A. M.	1907	22
Steves, George Henry	A. M.	1908	25
— — — — —	Ph. D.	1910	17
Stewart, Colin C.	Ph. D.	1897	10
Stieglitz, Julius	D. Sc.	1909	5
Stimson, Harold Frederick	A. B.	1910	33
— — — — —	A. M.	1911	20
Stoddard, Hubert Emerson	A. B.	1910	33
Stoddard, Russell Batcheller	A. B.	1912	34
Story, William Edward, Jr.	Ph. D.	1907	8
Stoutemyer, John Howard	Ph. D.	1910	17
Stoy, Annie Elizabeth	A. M.	1912	26
Street, J. Richard	Ph. D.	1898	12
Streeter, Robert James	A. B.	1910	33
— — — — —	A. M.	1912	28
Sturtevant, Arnold Parker	A. B.	1912	34
Styles, Edmund David	A. B.	1909	32
Sullivan, John Francis	A. M.	1913	24
Sullivan, Thomas Francis	A. M.	1911	25
Sweeney, James Francis	A. B.	1913	34
Swift, Edgar James	Ph. D.	1903	14

Taft, Arthur Corbin	A. B.	1910	33
Taft, Donald Reed	A. B.	1914	35
Talamo, Joseph	A. B.	1914	35
Talbot, Rolfe Henry	A. B.	1914	35
Taylor, Samuel N.	Ph. D.	1896	7
Terman, Lewis Madison	Ph. D.	1905	14
Tetrault, Philippe Armand	A. B.	1912	34
Thayer, Ralph Hoyt	A. B.	1912	34
Thomas, Horatio Winfield	A. B.	1910	33
Thomas, Wilson William	A. B.	1913	34
Thompson, Hubert Clinton	A. B.	1911	33
Thompson, Thomas Gordon	A. B.	1914	35
Thomson, Earl Wentworth	A. B.	1913	34
Thurber, Charles H.	Ph. D.	1900	13
Titchener, Edward Bradford	Litt. D.	1909	5
Tobin, Francis Aloysius	A. M.	1913	26
Total, Khalil Abdullah	A. B.	1911	33
Tourville, Bertram	A. B.	1911	33
Towne, Ralph Valentine	A. B.	1912	34
Townsend, Irving Joseph	A. B.	1913	34
Tracy, Frederick	Ph. D.	1893	11
Trafton, Frank Lester	A. B.	1914	35
Trettien, August W.	Ph. D.	1904	14
Triplett, Norman	Ph. D.	1900	13
Tufts, Frances Washington	A. M.	1913	22
Tupper, Frank Eliakim	A. B.	1914	35
Twining, Ralph Hubert	A. B.	1912	34
Tyree, Lewis Clarkson	A. B.	1912	34
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Udo, Kazuwo	A. M.	1910	28
Ueda, Tadaichi	A. M.	1910	23
— — — — —	Ph. D.	1912	18
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Van der Vries, John N.	Ph. D.	1901	7
Van Vleck, Edward Burr	LL. D.	1909	5
Van Waters, Miriam	Ph. D.	1913	19
Volterra, Vito	Phys. D.	1909	5
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Waddle, Charles W.	Ph. D.	1905	15
Waite, Mary Alice	A. M.	1913	29
Wakefield, Jerry Mortimer	A. B.	1906	31
Walker, Frank Alfred	A. B.	1912	34
Wallace, Edith Maynard	A. M.	1908	21
Walsh, Frederick William	A. B.	1905	31
Walsh, James Henry	A. B.	1911	33
Ward, John Thomas	A. B.	1914	35
Watanabe, Jun	A. M.	1907	28

Weaver, Edward Ebenezer	Ph. D.	1910	17
Webb, Reginald Lester	A. B.	1905	31
— — — — —	A. M.	1906	22
Webb, Jahaziah Shaw	A. B.	1912	34
Weems, Julius B.	Ph. D.	1894	9
Weld, Harry Porter	Ph. D.	1911	17
Wells, Roy T.	Ph. D.	1903	8
Wesson, Philip Daniels	A. B.	1910	33
Westerberg, Iwar Sigurd	A. B.	1907	31
Wheeler, Lucius Brigham	A. B.	1910	33
Wheeler, Raymond Holder	A. B.	1912	34
— — — — —	A. M.	1913	24
Wheeler, William M.	Ph. D.	1892	9
White, Carl Milton	A. B.	1913	34
White, Ernest Harl	A. B.	1911	33
White, Jesse Hayes	Ph. D.	1908	16
White, Ralph Hatheway	A. B.	1910	33
— — — — —	A. M.	1911	20
Whiting, Robert Arnold	A. B.	1912	34
Whitman, Charles Otis	Biol. D.	1909	5
Whitman, Warren Clifford	A. B.	1912	34
Wiggam, Augusta	A. M.	1909	23
Wilfley, Lebbeus L.	LL. D.	1909	5
Willcox, Inman L.	Ph. D.	1909	16
Williams, Curtis T.	A. M.	1914	24
Williams, Frank B.	Ph. D.	1900	6
Willis, Jessie Lillian	A. M.	1910	27
Wills, Albert P.	Ph. D.	1897	7
Wingate, Harold Clayton	A. B.	1905	31
Winslow, Arthur Clifford	A. B.	1912	34
Wood, Ida Kirtley	A. M.	1911	25
Wood, Moses Edwin	A. M.	1911	26
Wood, Robert Williams	LL. D.	1909	6
Woodbury, Robert Morse	A. B.	1910	33
Woodbury, Robert Morse	A. M.	1912	28
Woodhead, Arthur E.	A. B.	1914	35
Woods, Elizabeth Lindley	Ph. D.	1913	18
Wright, Carroll Davidson	LL. D.	1902	4
Wright, Clarence Delette	A. B.	1908	32
— — — — —	A. M.	1909	20
— — — — —	Ph. D.	1911	9
Yamada, Sohichi	A. M.	1911	26
— — — — —	Ph. D.	1913	18
Yanovsky, Elias	A. M.	1912	20
— — — — —	Ph. D.	1913	9
Young, J. W. A.	Ph. D.	1892	6

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